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CASE D0126 NP
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Stephen C. D'Amico
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2-23-05
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF
RAMANATHAN ET AL.

Art Unit: 1647
Examiner: SEHARASEYON,
JEGATHEESAN

APPLICATION NO: 10/081,775

FILED: FEBRUARY 21, 2002

FOR: POLYNUCLEOTIDE ENCODING A HUMAN G-PROTEIN COUPLED
RECEPTOR, HGPRBMY25, EXPRESSED HIGHLY IN IMMUNE-
RELATED TISSUES

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
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FEE LETTER FOR INFORMATION DISCLOSURE STATEMENT

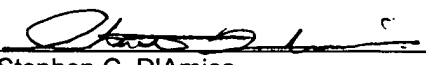
Sir:

Please charge Deposit Account No. 19-3880 in the name of Bristol-Myers Squibb Company in the amount of \$180 for payment of the fee pursuant to 37 CFR §1.17(p) for the submission of an Information Disclosure Statement under 37 CFR §1.97(c).

An additional copy of this paper is here enclosed. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 19-3880 in the name of Bristol-Myers Squibb Company.

Respectfully submitted,

Bristol-Myers Squibb Company
Patent Department
P.O. Box 4000
Princeton, NJ 08543-4000
(609) 252-5289
Date: 2-23-05


Stephen C. D'Amico
Agent for Applicants
Reg. No. 46,652



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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is being filed in accordance with 37 C.F.R. §1.97(c).
A letter for payment of fee set forth in 37 C.F.R. §1.17(p) is enclosed.

In accordance with 37 C.F.R. §1.56, applicants wish to call the Examiner's attention to the
references cited on the attached form(s) PTO-1449.

Copies of these references are enclosed herewith.

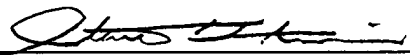
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The Examiner is requested to consider the foregoing information in relation to this application and indicate that each reference was considered by returning a copy of the initialed PTO 1449 form(s).

Respectfully submitted,

Bristol-Myers Squibb Company
Patent Department
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Princeton, NJ 08543-4000
(609) 252-5289

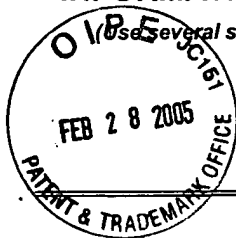


Stephen C. D'Amico
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FORM PTO-1449
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INFORMATION DISCLOSURE CITATION

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U.S. RELATED PATENT APPLICATIONS

EXAMINER INITIAL		U.S. APPLICATION	DATE OF FILING	NAME	CLASS	SUBCLASS	FILING DATE
	AA	60/306,803	7/20/01	Ramanathan, et al.			

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	AB	5063154	11/5/91	Fink, et al.			
	AC	2003/0198955 A1	10/23/03	Li, et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION YES NO	
	AD	WO9201810	2/6/92	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	AE	WO0216548 A2	2/28/02	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	AF	EP1270724 A2	6/18/02	EP			<input type="checkbox"/>	<input type="checkbox"/>
	AG	WO0250276 A2	6/27/02	PCT			<input type="checkbox"/>	<input type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

	AH	Abdalla, et al., "AT1-receptor heterodimers show enhanced G-protein activation and altered receptor sequestration", Nature, Vol. 407, pp. 94-98 (2000)
	AI	Akbar, et al., "Molecular Cloning of a Novel P2 Purinoceptor from Human Erythroleukemia Cells", J. Biol. Chem., Vol. 271(31), pp. 18363-18367 (1996)
	AJ	Alam, et al., "Reporter Genes: Application to the Study of Mammalian Gene Transcription", Analytical Biochemistry, Vol. 188, pp 245-254 (1990)

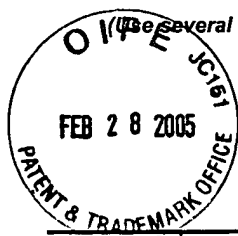
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2AA	Altschul, et al., "Gapped Blast and PSI-Blast: a new generation of protein database search programs", Nucleic Acids Res., Vol. 25(17), pp. 3389-3402 (1997)
2AB	Amatruda, et al., "Gα16, a G protein α subunit specifically expressed in hematopoietic cells", PNAS, Vol. 88, pp. 5587-5591 (1991)
2AC	Baldwin, Joyce, M., "Structure and function of receptors coupled to G proteins", Curr. Opin. Cell Biol., Vol. 6, pp. 180-190 (1994)
2AD	Baud, et al., "EMR1, an Unusual Member in the Family of Hormone Receptors with Seven Transmembrane Segments", Genomics, Vol. 26, pp. 334-344 (1995)
2AE	Bolander, Franklyn, F., "Molecular Endocrinology", (second Ed.), Academic Press, Copyright 1994, pp. 162-176
2AF	Boss, et al., "Induction of NFAT-mediated Transcription by G _q -coupled Receptors in Lymphoid and Non-lymphoid Cells", JBC, Vol. 271, pp. 10429-10432 (1996)
2AG	Chen, et al., "Constitutive receptor systems for drug discovery", J. Pharmacol. Toxicol. Methods, Vol. 42, pp. 199-206 (1999)
2AH	Conklin, et al., "Substitution of three amino acids switches receptor specificity of G _q α to that of G ₁₂ α", Nature, Vol. 363, pp. 274-276 (1993)
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2AM	Feng, et. al., "HIV-1 Entry Cofactor: Functional cDNA Cloning of a Seven-Transmembrane, G Protein-Coupled Receptor", Science, Vol. 272, pp. 872-877 (1996)
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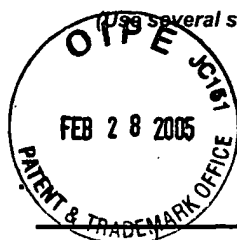
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3AA	George, et al., "Functional Coupling of Endogenous Serotonin (5-HT _{1B}) and Calcitonin (C1a) Receptors in CHO Cells to a Cyclic AMP-Responsive Luciferase Reporter Gene", J. Neurochem., Vol. 69, pp. 1278-1285 (1997)
3AB	Gray, et al., "CD97 is a Processed, Seven-Transmembrane, Heterodimeric Receptor Associated with Inflammation", J. Immun., Vol. 157, pp. 5438-5447 (1996)
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3AE	Hofmann, et al., "A Database of Membrane Spanning Protein Segments", Biol. Chemie, Vol. 374, pp. 166 (1993)
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3AI	Karttunen et al., "Measurement of ligand-induced activation in single viable T cells using the <i>laZ</i> reporter gene", PNAS, Vol. 88, pp. 3972-3976 (1991)
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3AM	Lu, et al., "The Functional Topography of Transmembrane Domain 3 of the M ₁ Muscarinic Acetylcholine Receptor, Revealed by Scanning Mutagenesis", J. Biol. Chem., Vol. 274(11), pp. 7309-7315 (1999)
3AN	Manfredi, et al., "Yeast α Mating Factor Structure-Activity Relationship Derived from Genetically Selected Peptide Agonists and Antagonists of Ste2p", Molec. Cell. Biol., Vol. 16(9), pp. 4700-4709 (1996)

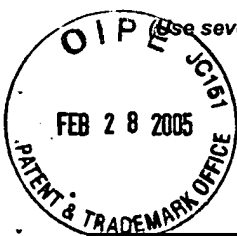
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4AB	Monnot, et al., "Cloning and Functional Characterization of a Novel mas-Related Gene, Modulating Intracellular Angiotensin II Actions", Molec. Endocrin., Vol. 5(10), pp. 1477-1487 (1991)
4AC	Needleman, et al., "A General Method Applicable to the Search for Similarities in the Amino Acid Sequence of Two Proteins", J. Mol. Biol., Vol. 48, pp. 443-453 (1970)
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4AE	Parma, et al., "Somatic mutations in the thyrotropin receptor gene cause hyperfunctioning thyroid adenomas", Nature, Vol. 365, pp. 649-651 (1993)
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4AG	Rees, et al. (1999) Signal Transduction: A Practical Approach. Oxford: Oxford University Press 171-221
4AH	Salcedo, et al, "Human endothelial cells express CCR2 and respond to MCP-1: direct role of MCP-1 in angiogenesis and tumor progression", Blood, Vol. 96, pp. 34-40 (2000)
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4AL	Strosberg, Arthur, Donny, "Structure/function relationship of proteins belonging to the family of receptors coupled to GTP-binding proteins", Eur. J. Biochem., Vol. 196, pp. 1-10 (1991)
4AM	Suto, et al., "Selection of an Optimal Reporter Gene for Cell-Based High Throughput Screening Assays", J. Biomol. Screening, Vol. 2, pp.7-9 (1997)
4AN	Tao, et al., "Constitutive Activation of G Protein-Coupled Receptors as a Result of Selective Substitution of a Conserved Leucine Residue in Transmembrane Helix III", Molec. Endocrin., Vol. 14(8), pp. 1272-1282 (2000)

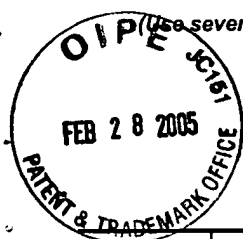
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5AB	Watson, et al., "The G-protein Linked Receptor Facts Book", Academic Press, San Diego CA, pp. 2-6 (1994)
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5AD	Wess, J., "G-protein-coupled receptors: molecular mechanisms involved in receptor activation and selectivity of G-protein recognition" Biochem., Vol. 11, pp. 346-354 (1997)
5AE	Whitney, et al., "A genome-wide functional assay of signal transduction in living mammalian cells", Nature Biotech., Vol. 16, pp. 1329-1333 (1998)
5AF	Wilkie, et al., "Characterization of G-protein α subunits in the G_q class: Expression in murine tissues and in stromal and hematopoietic cell lines", PNAS, Vol. 88, pp. 10049-10053 (1991)
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5AH	Yoshida, et al., "Efficacy of leukotriene receptor antagonist in bronchial hyperresponsiveness and hypersensitivity to analgesic in aspirin-intolerant asthma", Clin. Exp. Allergy, Vol. 30, pp. 64-70 (2000)
5AI	Xu, et al., "PSGR, a Novel Prostate-specific Gene with Homology to a G Protein-coupled Receptor, is Overexpressed in Prostate Cancer", Cancer Res., Vol. 60, pp 6568-6572 (2000)
5AJ	NCBI Entrez Accession No. AAD12761 (gi:3420759), Raming, et al., February 5, 1999
5AK	NCBI Entrez Accession No. AAG40776 (gi:11875778), Li, et al., December 17, 2000
5AL	NCBI Entrez Accession No. AAG41676 (gi:11908211), Bulger, et al., December 20, 2000
5AM	NCBI Entrez Accession No. AAG41686 (gi:11908222), Bulger, et al., December 20, 2000
5AN	NCBI Entrez Accession No. AC026090 (gi:9958310), Waterson, R.H., September 1, 2000

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